

**INSTALLATION INSTRUCTIONS
for the
DIAGNOSTICS DISK
on the
Kodak X-Omat 180 LP and LPS PROCESSORS
Service Codes: 3227, 3198
Kodak X-Omat 3000 RA INTEGRATED PROCESSORS
Service Codes: 3488, 3466
with the
5000 BOARD**



Important

Qualified service personnel must install this equipment.



HEALTH IMAGING

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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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Requirements for Installing the DIAGNOSTICS DISK



Caution

Do not install the DIAGNOSTICS DISK on other PROCESSORS. These PROCESSORS have internal diagnostics.

Installation of the DIAGNOSTICS DISK can do damage to:

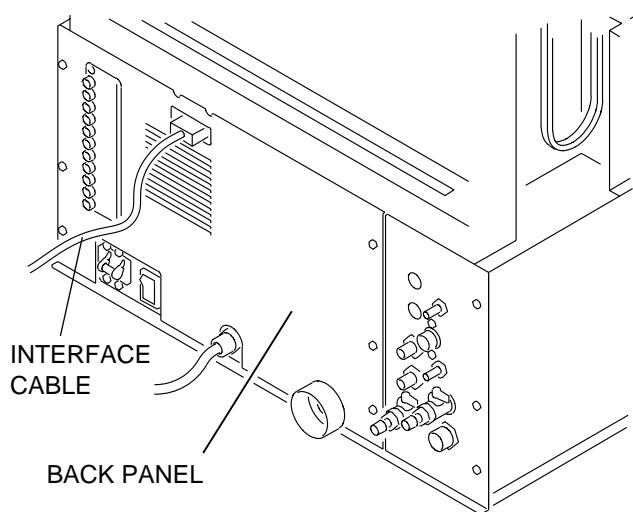
- RAM in the CLOCK MEMORY MODULE on the 5000 BOARD
- PROCESSOR

Special Tools

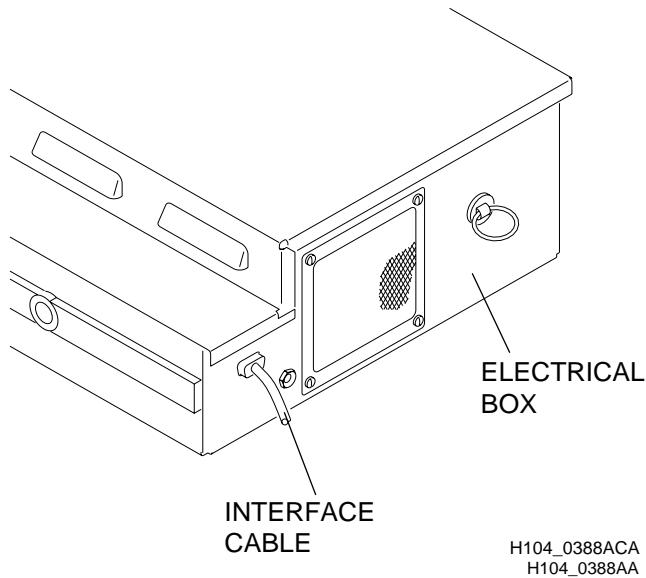
To install the DIAGNOSTICS DISK, you need:

- INTERFACE CABLE TL-4391
- IBM compatible LAPTOP COMPUTER with:
 - MS-DOS Version 3.0 or higher installed on the HARD DRIVE
 - 720 KB 3 1/2 in. DISK DRIVE
 - SERIAL COMMUNICATION PORT configured as COM 1 - See the User Manual for the LAPTOP COMPUTER.

Connecting the INTERFACE CABLE on a 3000 RA INTEGRATED PROCESSOR



- [1] De-energize and disconnect the PROCESSOR.
- [2] Connect the INTERFACE CABLE to either:
 - BACK PANEL of the MULTILOADER 300 PLUS or the MULTILOADER 7000
 - ELECTRICAL BOX
- [3] Connect the INTERFACE CABLE to the LAPTOP COMPUTER.



H104_0391ACB
H104_0391AC

H104_0388ACA
H104_0388AA

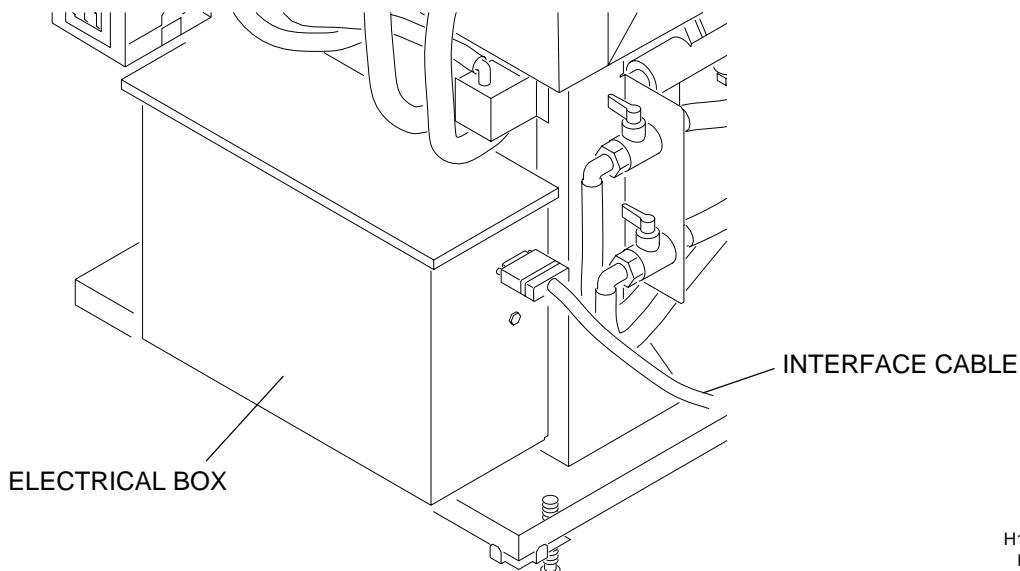
Connecting the INTERFACE CABLE on a 180 LP or 180 PROCESSOR



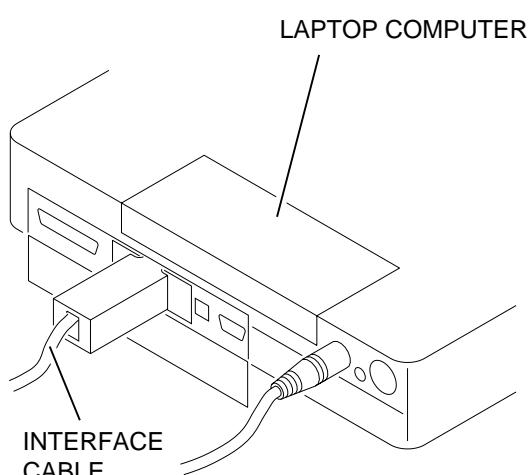
Warning

Dangerous Voltage

[1] De-energize and disconnect the PROCESSOR.



[2] Connect the INTERFACE CABLE to the ELECTRICAL BOX.



[3] Connect the INTERFACE CABLE to the LAPTOP COMPUTER.

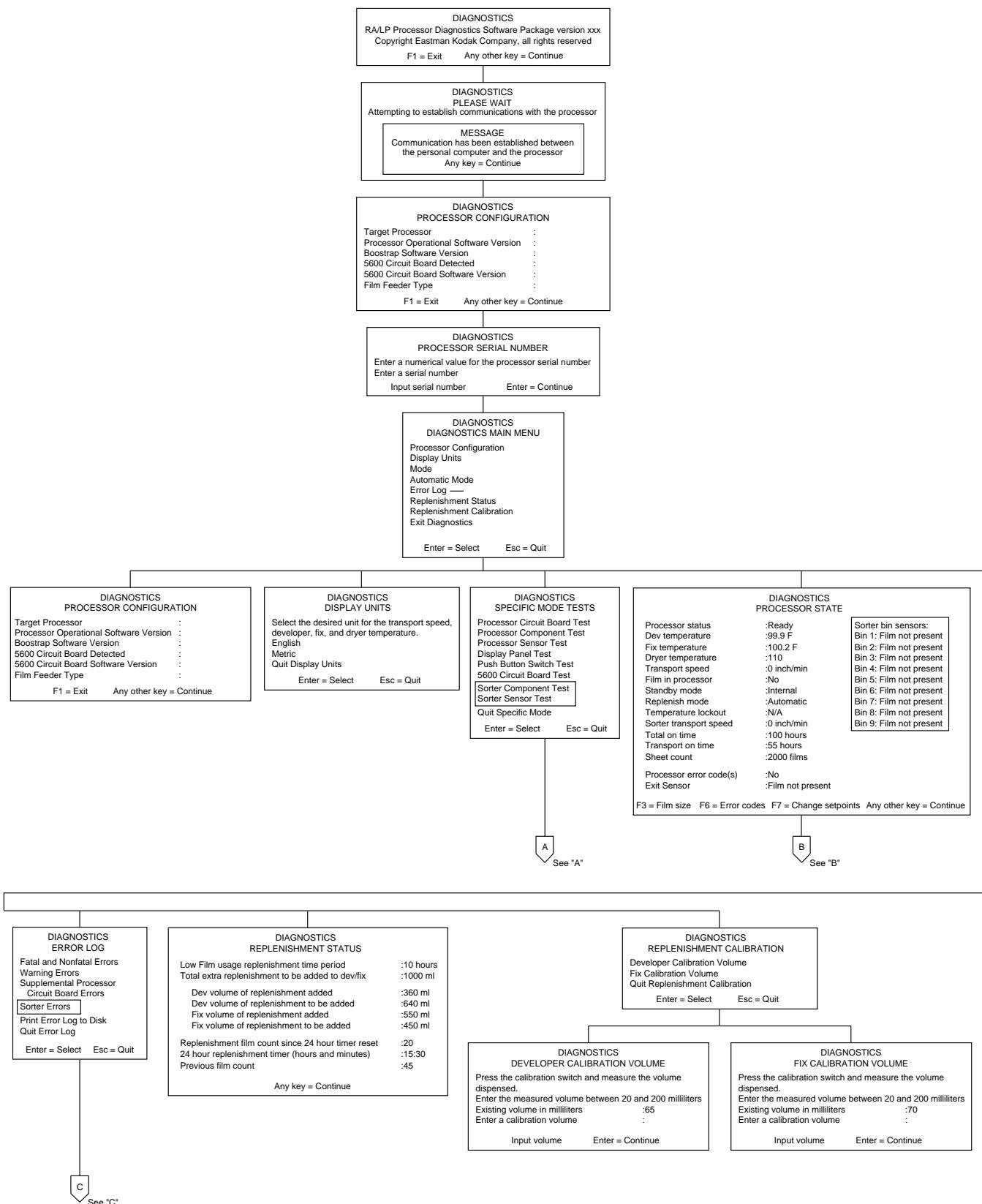
Installing the Diagnostics onto the LAPTOP COMPUTER

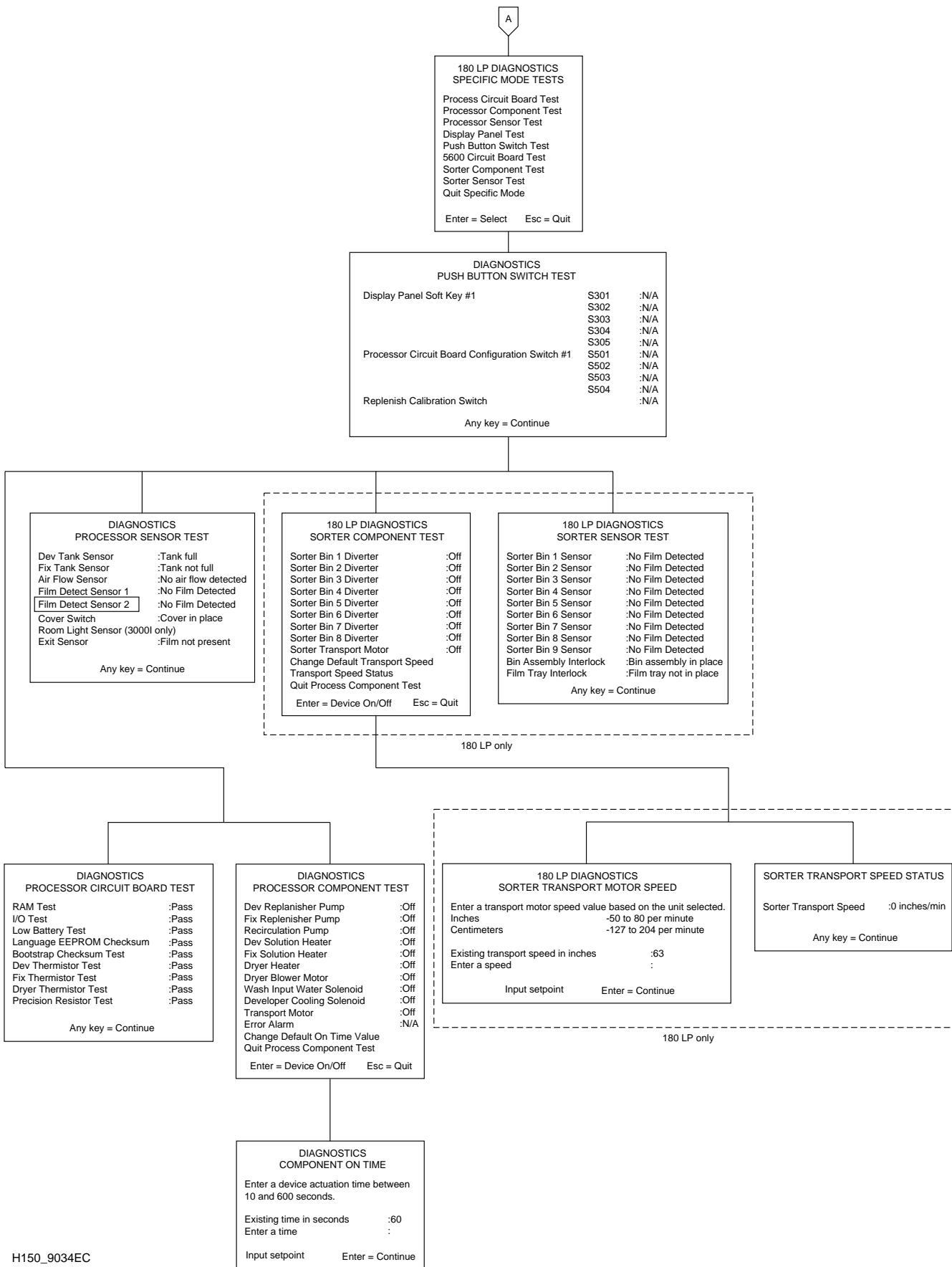
- [1] Move the POWER SWITCH on the LAPTOP COMPUTER to the “ON” position.
- [2] Insert the DIAGNOSTICS DISK into the A DRIVE.
- [3] At the “C” prompt, type: **A:RA_INST**
- [4] Press [Enter].
- [5] Wait for the LAPTOP COMPUTER to display the “DIAGNOSTICS” version and copyright screen.
- [6] Remove the DIAGNOSTICS DISK from the A DRIVE.

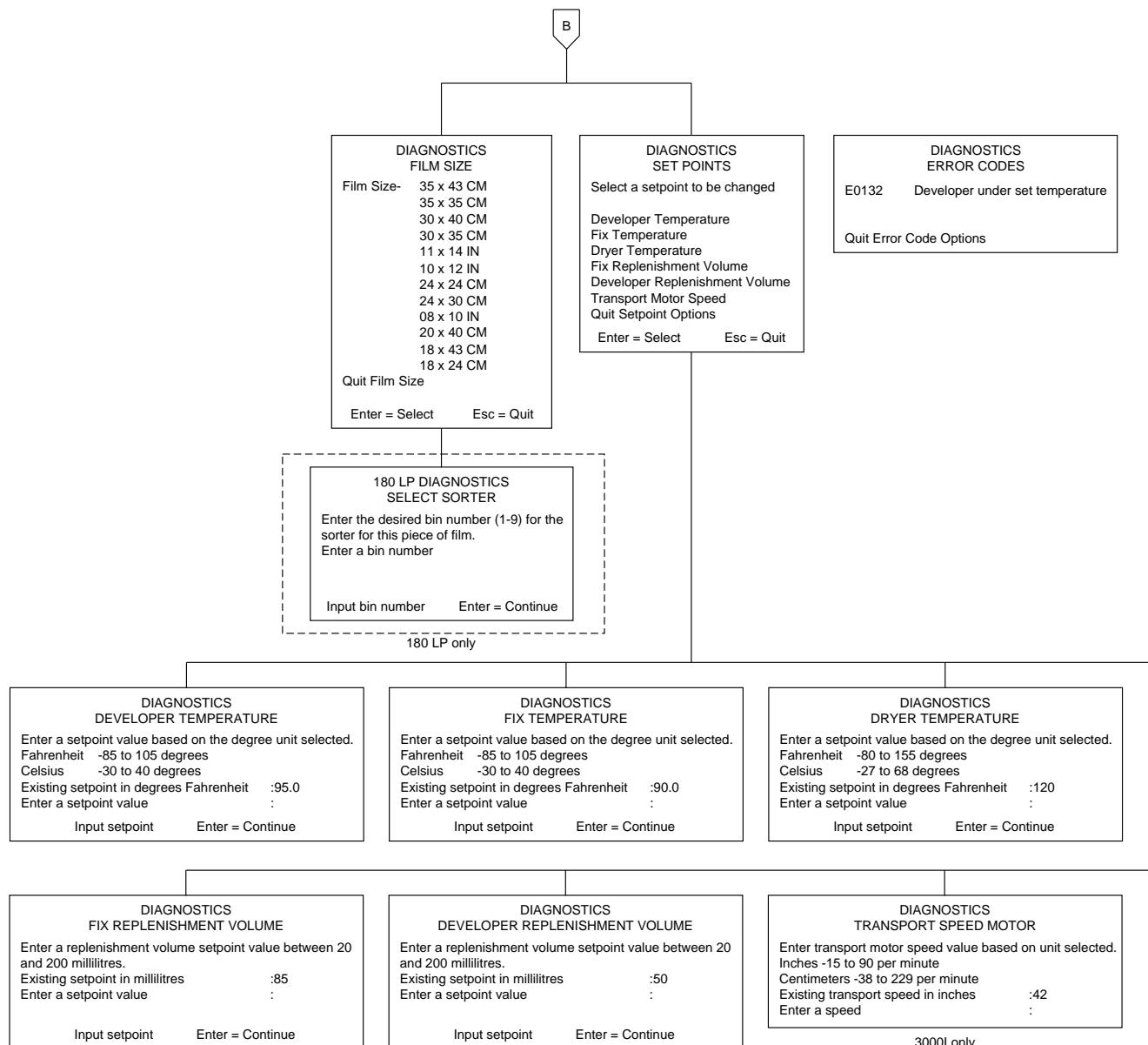
Operating the Diagnostics

- [1] Energize the PROCESSOR.
- [2] Allow the PROCESSOR to operate for a minimum of 10 seconds.
- [3] If you are operating the diagnostics from the HARD DRIVE,
 - a. At the “C:>” prompt, type: **RA**
 - b. Press [Enter].
- [4] If you are operating the diagnostics from the A DRIVE,
 - a. Insert the DIAGNOSTICS DISK into the A DRIVE.
 - b. At the “C:>” prompt, type: **a:**
 - c. Press [Enter].
 - d. At the “A:>” prompt, type: **diag**
 - e. Press [Enter].
- [5] Continue through the diagnostics by following the instructions that the LAPTOP COMPUTER displays. See “Flowcharts of the Diagnostics” on Page 7.

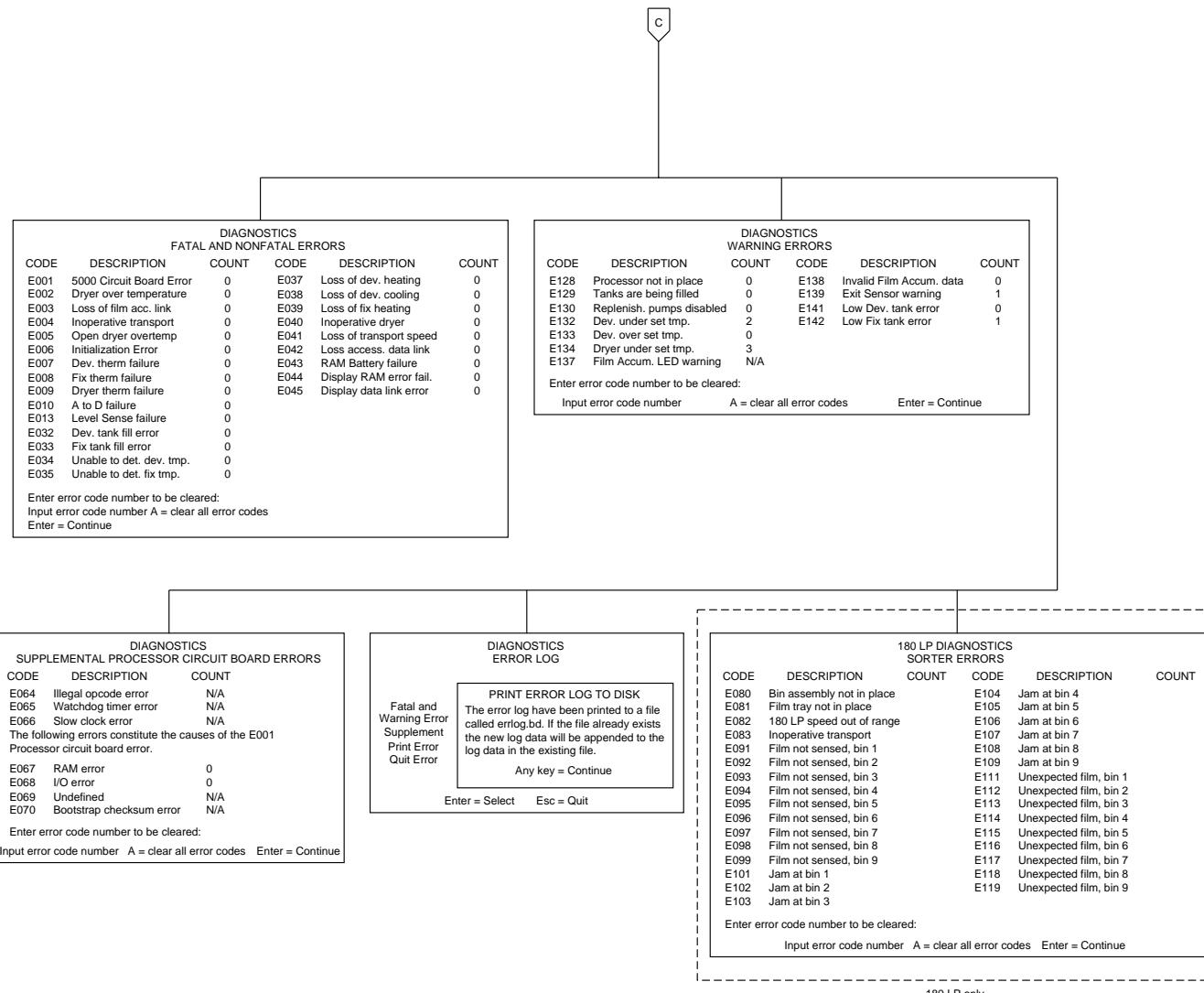
Flowcharts of the Diagnostics







INSTALLATION INSTRUCTIONS



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